L Number	Hits	Search Text	DB	Time stamp
1	211996	(magnetic adj (recording medium media tape disk disc ribbon)).ti,ab,clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/05 12:20
2	18324	((magnetic adj (recording medium media tape disk disc ribbon)).ti,ab,clm.) and (longitudinal in\$1plane\$1 horizontal (in adj plane))	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/02/05 12:22
3	9741	(((magnetic adj (recording medium media tape disk disc ribbon)).ti,ab,clm.) and (longitudinal in\$1plane\$1 horizontal (in adj plane))) and (perpendicular vertical)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/05 12:21
4	5592	((((magnetic adj (recording medium media tape disk disc ribbon)).ti,ab,clm.) and (longitudinal in\$1plane\$1 horizontal (in adj plane))) and (perpendicular vertical)) and ((record recording information data) same (longitudinal in\$1plane\$1 horizontal (in adj plane)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/05 12:23
5	4329	((((((magnetic adj (recording medium media tape disk disc ribbon)).ti,ab,clm.) and (longitudinal in\$1plane\$1 horizontal (in adj plane))) and (perpendicular vertical)) and ((record recording information data) same (longitudinal in\$1plane\$1 horizontal (in adj plane)))) and ((perpendicular vertical) same (longitudinal horizontal in\$1plane\$1 (in adj plane)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/05 13:21
6	3388	(((((((magnetic adj (recording medium media tape disk disc ribbon)).ti,ab,clm.) and (longitudinal in\$1plane\$1 horizontal (in adj plane))) and (perpendicular vertical)) and ((record recording information data) same (longitudinal in\$1plane\$1 horizontal (in adj plane)))) and ((perpendicular vertical) same (longitudinal horizontal in\$1plane\$1 (in adj plane)))) not (head spin\$1valve\$1 spin element G\$1M\$1R M\$1R A\$1M\$1R T\$1M\$1R memory).ti	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/05 12:27
7	997	((((((((magnetic adj (recording medium media tape disk disc ribbon)).ti,ab,clm.) and (longitudinal in\$1plane\$1 horizontal (in adj plane))) and (perpendicular vertical)) and ((record recording information data) same (longitudinal in\$1plane\$1 horizontal (in adj plane)))) and ((perpendicular vertical) same (longitudinal horizontal in\$1plane\$1 (in adj plane)))) not (head spin\$1valve\$1 spin element G\$1M\$1R M\$1R A\$1M\$1R T\$1M\$1R T\$1M\$1J memory).ti.) and (B?sub.r B?sub.s Br! Bs! (residual adj magnetization) M?sub.r M?sub.s Mr! Ms!	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/05 12:28
8	2862	(saturation adj magnetization)) ((((((((magnetic adj (recording medium media tape disk disc ribbon)).ti,ab,clm.) and (longitudinal in\$1plane\$1 horizontal (in adj plane))) and (perpendicular vertical)) and ((record recording information data) same (longitudinal in\$1plane\$1 horizontal (in adj plane)))) and ((perpendicular vertical) same (longitudinal horizontal in\$1plane\$1 (in adj plane)))) not (head spin\$1valve\$1 spin element G\$1M\$1R M\$1R A\$1M\$1R T\$1M\$1R T\$1M\$1J memory).ti.) not ((soft adj magnetic) Ni\$1Fe permalloy keeper)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/05 12:30

9	617	(((((((((magnetic adj (recording medium media tape disk disc ribbon)).ti,ab,clm.) and (longitudinal in\$1plane\$1 horizontal (in adj plane))) and (perpendicular vertical)) and ((record recording information data) same (longitudinal in\$1plane\$1 horizontal (in adj plane)))) and ((perpendicular vertical) same (longitudinal horizontal in\$1plane\$1 (in adj plane)))) not (head spin\$1valve\$1 spin element G\$1M\$1R M\$1R A\$1M\$1R T\$1M\$1J memory).ti.) and (B?sub.r B?sub.s Br! Bs! (residual adj magnetization) M?sub.r M?sub.s Mr! Ms! (saturation adj magnetization))) and ((((((((magnetic adj (recording medium media tape disk disc ribbon)).ti,ab,clm.) and (longitudinal in\$1plane\$1 horizontal (in adj plane))) and (perpendicular vertical)) and ((record recording information data) same (longitudinal in\$1plane\$1 horizontal (in adj plane)))) and ((perpendicular vertical) same (longitudinal horizontal in\$1plane\$1 (in adj plane)))) not (head spin\$1valve\$1 spin element G\$1M\$1R M\$1R A\$1M\$1R T\$1M\$1J memory).ti.) not ((soft adj magnetic) Ni\$1Fe permalloy keeper))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/05 12:30
10	25	((((((((((((((((((((((((((((((((((((((USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/05 12:52

11	592	(((((((((magnetic adj (recording medium media tape disk disc	USPAT;	2004/02/05 12:52
		ribbon)).ti,ab,clm.) and (longitudinal in\$1plane\$1 horizontal (in	US-PGPUB;	
		adj plane))) and (perpendicular vertical)) and ((record	EPO; JPO;	
		recording information data) same (longitudinal in\$1plane\$1	DERWENT;	
		horizontal (in adj plane)))) and ((perpendicular vertical) same	IBM_TDB	
		(longitudinal horizontal in\$1plane\$1 (in adj plane)))) not (head		
		spin\$1valve\$1 spin element G\$1M\$1R M\$1R A\$1M\$1R		
		T\$1M\$1R T\$1M\$1J memory).ti.) and (B?sub.r B?sub.s Br! Bs!		
		(residual adj magnetization) M?sub.r M?sub.s Mr! Ms!		
		(saturation adj magnetization))) and ((((((magnetic adj		
		(recording medium media tape disk disc ribbon)).ti,ab,clm.)		Tet.
		and (longitudinal in\$1plane\$1 horizontal (in adj plane))) and		
		(perpendicular vertical)) and ((record recording information		
		data) same (longitudinal in\$1plane\$1 horizontal (in adj		1
		plane)))) and ((perpendicular vertical) same (longitudinal		1
		horizontal in\$1plane\$1 (in adj plane)))) not (head		
		spin\$1valve\$1 spin element G\$1M\$1R M\$1R A\$1M\$1R		
		T\$1M\$1R T\$1M\$1J memory).ti.) not ((soft adj magnetic)		
		Ni\$1Fe permalloy keeper))) not ((((((((magnetic adj		
		(recording medium media tape disk disc ribbon)).ti,ab,clm.)		
		and (longitudinal in\$1plane\$1 horizontal (in adj plane))) and		
		(perpendicular vertical)) and ((record recording information		
		data) same (longitudinal in\$1plane\$1 horizontal (in adj		
		plane)))) and ((perpendicular vertical) same (longitudinal		
		horizontal in\$1plane\$1 (in adj plane)))) not (head		
		spin\$1valve\$1 spin element G\$1M\$1R M\$1R A\$1M\$1R		
	1	T\$1M\$1R T\$1M\$1J memory).ti.) and (B?sub.r B?sub.s Br! Bs!		
		(residual adj magnetization) M?sub.r M?sub.s Mr! Ms!		
		(saturation adj magnetization))) and (((((((magnetic adj		
		(recording medium media tape disk disc ribbon)).ti,ab,clm.)		
		and (longitudinal in\$1plane\$1 horizontal (in adj plane))) and		
		(perpendicular vertical)) and ((record recording information		
		data) same (longitudinal in\$1plane\$1 horizontal (in adj		
		plane)))) and ((perpendicular vertical) same (longitudinal		
		horizontal in\$1plane\$1 (in adj plane)))) not (head		
		spin\$1valve\$1 spin element G\$1M\$1R M\$1R A\$1M\$1R		
		T\$1M\$1R T\$1M\$1J memory).ti.) not ((soft adj magnetic)		
		Ni\$1Fe permalloy keeper))) and fujitsu.as.)		

12	591	((((((((((((((((((((((((((((((((((((((USPAT;	2004/02/05 13:23
		ribbon)).ti,ab,clm.) and (longitudinal in\$1plane\$1 horizontal (in	US-PGPUB;	
		adj plane))) and (perpendicular vertical)) and ((record	EPO; JPO;	
		recording information data) same (longitudinal in\$1plane\$1	DERWENT;	
		horizontal (in adj plane)))) and ((perpendicular vertical) same	IBM_TDB	
		(longitudinal horizontal in\$1plane\$1 (in adj plane)))) not (head		. !
		spin\$1valve\$1 spin element G\$1M\$1R M\$1R A\$1M\$1R		
		T\$1M\$1R T\$1M\$1J memory).ti.) and (B?sub.r B?sub.s Br! Bs!		
	1	(residual adj magnetization) M?sub.r M?sub.s Mr! Ms!		
		(saturation adj magnetization))) and ((((((magnetic adj		
		(recording medium media tape disk disc ribbon)).ti,ab,clm.)		
		and (longitudinal in\$1plane\$1 horizontal (in adj plane))) and		
		(perpendicular vertical)) and ((record recording information		
		data) same (longitudinal in\$1plane\$1 horizontal (in adj		
		plane)))) and ((perpendicular vertical) same (longitudinal		
		horizontal in\$1plane\$1 (in adj plane)))) not (head		
		spin\$1valve\$1 spin element G\$1M\$1R M\$1R A\$1M\$1R		
		T\$1M\$1R T\$1M\$1J memory).ti.) not ((soft adj magnetic)		
		Ni\$1Fe permalloy keeper))) not (((((((((magnetic adj		
i		(recording medium media tape disk disc ribbon)).ti,ab,clm.)		
		and (longitudinal in\$1plane\$1 horizontal (in adj plane))) and		
-		(perpendicular vertical)) and ((record recording information		
		data) same (longitudinal in\$1plane\$1 horizontal (in adj		
ĺ		plane)))) and ((perpendicular vertical) same (longitudinal		
		horizontal in\$1plane\$1 (in adj plane)))) not (head		
		spin\$1valve\$1 spin element G\$1M\$1R M\$1R A\$1M\$1R		
		T\$1M\$1R T\$1M\$1J memory).ti.) and (B?sub.r B?sub.s Br! Bs!		
		(residual adj magnetization) M?sub.r M?sub.s Mr! Ms!		
		(saturation adj magnetization))) and (((((((magnetic adj		
		(recording medium media tape disk disc ribbon)).ti,ab,clm.)		
		and (longitudinal in\$1plane\$1 horizontal (in adj plane))) and		
	İ	(perpendicular vertical)) and ((record recording information		
		data) same (longitudinal in\$1plane\$1 horizontal (in adj		
		plane)))) and ((perpendicular vertical) same (longitudinal		
		horizontal in\$1plane\$1 (in adj plane)))) not (head		
		spin\$1valve\$1 spin element G\$1M\$1R M\$1R A\$1M\$1R		
		T\$1M\$1R T\$1M\$1J memory).ti.) not ((soft adj magnetic)		
		Ni\$1Fe permalloy keeper))) and fujitsu.as.)) not		
1		(magneto\$1optical magneto\$1optic opto\$1magnetic		
		photo\$1magnetic).ti.		
L	<u> </u>	priotow magnetic/.ti.		1

			LIODAT	0004/00/05 40 50
13	441	((((((((((((((((((((((((((((((((((((((USPAT;	2004/02/05 12:56
		ribbon)).ti,ab,clm.) and (longitudinal in\$1plane\$1 horizontal (in	US-PGPUB;	
		adj plane))) and (perpendicular vertical)) and ((record	EPO; JPO;	
		recording information data) same (longitudinal in\$1plane\$1	DERWENT;	
		horizontal (in adj plane)))) and ((perpendicular vertical) same	IBM_TDB	
		(longitudinal horizontal in\$1plane\$1 (in adj plane)))) not (head		
		spin\$1valve\$1 spin element G\$1M\$1R M\$1R A\$1M\$1R		
		T\$1M\$1R T\$1M\$1J memory).ti.) and (B?sub.r B?sub.s Br! Bs!		
		(residual adj magnetization) M?sub.r M?sub.s Mr! Ms!		
		(saturation adj magnetization))) and ((((((magnetic adj		
		(recording medium media tape disk disc ribbon)).ti,ab,clm.)	:	
		and (longitudinal in\$1plane\$1 horizontal (in adj plane))) and		
		(perpendicular vertical)) and ((record recording information		
		data) same (longitudinal in\$1plane\$1 horizontal (in adj		
		plane)))) and ((perpendicular vertical) same (longitudinal		
		horizontal in\$1plane\$1 (in adj plane)))) not (head		
		spin\$1valve\$1 spin element G\$1M\$1R M\$1R A\$1M\$1R		
		T\$1M\$1R T\$1M\$1J memory) ti.) not ((soft adj magnetic)		
		Ni\$1Fe permalloy keeper))) not ((((((((magnetic adj		
		(recording medium media tape disk disc ribbon)).ti,ab,clm.)		
		and (longitudinal in\$1plane\$1 horizontal (in adj plane))) and		
		(perpendicular vertical)) and ((record recording information		
		data) same (longitudinal in\$1plane\$1 horizontal (in adj		
		plane)))) and ((perpendicular vertical) same (longitudinal		
		horizontal in\$1plane\$1 (in adj plane)))) not (head		
		spin\$1valve\$1 spin element G\$1M\$1R M\$1R A\$1M\$1R		
		T\$1M\$1R T\$1M\$1J memory).ti.) and (B?sub.r B?sub.s Br! Bs!	:	
		(residual adj magnetization) M?sub.r M?sub.s Mr! Ms!		
		(saturation adj magnetization))) and (((((((magnetic adj		
		(recording medium media tape disk disc ribbon)).ti,ab,clm.)		
		and (longitudinal in\$1plane\$1 horizontal (in adj plane))) and		
		(perpendicular vertical)) and ((record recording information		
		data) same (longitudinal in\$1plane\$1 horizontal (in adj		
		plane)))) and ((perpendicular vertical) same (longitudinal		
		horizontal in\$1plane\$1 (in adj plane)))) not (head	1	
		spin\$1valve\$1 spin element G\$1M\$1R M\$1R A\$1M\$1R		
		T\$1M\$1R T\$1M\$1J memory).ti.) not ((soft adj magnetic)		
		Ni\$1Fe permalloy keeper))) and fujitsu.as.)) not		
		(magneto\$1optical magneto\$1optic opto\$1magnetic		
		photo\$1magnetic).ti.) and @py<2002		
<u> </u>		priotot magnotom, and (op) 2002		

14	42	((((((((((((((((((((((((((((((((((((((USPAT:	2004/02/05 13:01
1-4	42	ribbon)).ti,ab,clm.) and (longitudinal in\$1plane\$1 horizontal (in	US-PGPUB:	200 :/ 02/00 : 0:0:
		adj plane))) and (perpendicular vertical)) and ((record	EPO; JPO;	
		recording information data) same (longitudinal in\$1plane\$1	DERWENT;	
		horizontal (in adj plane)))) and ((perpendicular vertical) same	IBM TDB	
		(longitudinal horizontal in\$1plane\$1 (in adj plane)))) not (head	.5	
		spin\$1valve\$1 spin element G\$1M\$1R M\$1R A\$1M\$1R		
		T\$1M\$1R T\$1M\$1J memory).ti.) and (B?sub.r B?sub.s Br! Bs!		
ŀ		(residual adj magnetization) M?sub.r M?sub.s Mr! Ms!		
		(saturation adj magnetization))) and ((((((magnetic adj		
		(recording medium media tape disk disc ribbon)).ti,ab,clm.)		
		and (longitudinal in\$1plane\$1 horizontal (in adj plane))) and		
		(perpendicular vertical)) and ((record recording information		
		data) same (longitudinal in\$1plane\$1 horizontal (in adj		
		plane)))) and ((perpendicular vertical) same (longitudinal		
		horizontal in\$1plane\$1 (in adj plane)))) not (head		
		spin\$1valve\$1 spin element G\$1M\$1R M\$1R A\$1M\$1R		
		T\$1M\$1R T\$1M\$1J memory).ti.) not ((soft adj magnetic)		
		Ni\$1Fe permalloy keeper))) not ((((((((magnetic adj		
		(recording medium media tape disk disc ribbon)).ti,ab,clm.)		
		and (longitudinal in\$1plane\$1 horizontal (in adj plane))) and		
		(perpendicular vertical)) and ((record recording information		
		data) same (longitudinal in\$1plane\$1 horizontal (in adj		
		plane)))) and ((perpendicular vertical) same (longitudinal		
		horizontal in\$1plane\$1 (in adj plane)))) not (head		
		spin\$1valve\$1 spin element G\$1M\$1R M\$1R A\$1M\$1R		
		T\$1M\$1R T\$1M\$1J memory).ti.) and (B?sub.r B?sub.s Br! Bs!		
		(residual adj magnetization) M?sub.r M?sub.s Mr! Ms!		
		(saturation adj magnetization))) and ((((((magnetic adj		
		(recording medium media tape disk disc ribbon)).ti,ab,clm.)		
		and (longitudinal in\$1plane\$1 horizontal (in adj plane))) and		
		(perpendicular vertical)) and ((record recording information		
		data) same (longitudinal in\$1plane\$1 horizontal (in adj		
		plane)))) and ((perpendicular vertical) same (longitudinal		
		horizontal in\$1plane\$1 (in adj plane)))) not (head		
		spin\$1valve\$1 spin element G\$1M\$1R M\$1R A\$1M\$1R		
		T\$1M\$1R T\$1M\$1J memory).ti.) not ((soft adj magnetic)		
		Ni\$1Fe permalloy keeper))) and fujitsu.as.)) not		
		(magneto\$1optical magneto\$1optic opto\$1magnetic	1	
		photo\$1magnetic).ti.) and @py<2002) and 2000.py.		

	·		T	T
15	30	((((((((((((((((((((((((((((((((((((((USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/05 13:17
		(magneto\$1optical magneto\$1optic opto\$1magnetic photo\$1magnetic).ti.) and 428/694tm.ccls.		
16	2	"09074277"	JPO; DERWENT	2004/02/05 13:17
17 .	1	"JP09074277"	JPO; DERWENT	2004/02/05 13:18
18	2	("6392832" "20020055019").pn.	USPAT; US-PGPUB	2004/02/05 13:19
19	257	(MAEDA near1 MAKI).in. (TAKESHITA near1 HIROTO).in. (UZUMAKI near1 TAKUYA).in. (TANAKA near1 ATSUSHI).in.	USPAT; US-PGPUB	2004/02/05 13:21
20	46	((MAEDA near1 MAKI).in. (TAKESHITA near1 HIROTO).in. (UZUMAKI near1 TAKUYA).in. (TANAKA near1 ATSUSHI).in.) and ((perpendicular vertical) same (longitudinal horizontal in\$1plane\$1 (in adj plane)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/05 13:21
21	46	(((MAEDA near1 MAKI).in. (TAKESHITA near1 HIROTO).in. (UZUMAKI near1 TAKUYA).in. (TANAKA near1 ATSUSHI).in.) and ((perpendicular vertical) same (longitudinal horizontal in\$1plane\$1 (in adj plane)))) not (magneto\$1optical magneto\$1optic opto\$1magnetic photo\$1magnetic).ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/05 13:25